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(1)

Discuss communicable diseases under the following headings:

(a) Communicable diseases is an illness caused by pathogens like viruses, bacteria, fungi, or parasites that can spread from one person, animal, or object to another.

B. Causative agent

1. Bacteria.
2. Viruses
3. Fungi
4. Parasite

C. Mode of transmission

1. Direct contact,; Touching or sexual intercourse with an infected person
2. Contact through blood and bodily fluids from an infected person
3. Airborne transmission through breathing virus-containing drops from an infected person
4. Indirect contact, touching a contaminated surface or an object that an infected person has touched

D. Method of preventing and control

1. Maintain a proper personal hygiene
2. Environmental hygiene, let your environment be neat and clean
3. Immunization against the disease
4. Maintain a proper food hygiene
5. Avoid sharing personal items that carry germs
6. Cover your nose and mouth when you're sneezing or coughing
7. Using insecticide or mosquito net
8. Health education for the people
9. Limit contact with wild animals



E. Explain the terms endemic?

1 Can be defined as a disease that can see in geographical area or population. , example, malaria, rabies.

2 epidemic is a disease that increases the number of disease above what is normally expected in a specific area, Example HIV/AIDS

3. Pandemic. Is a disease that affects a global population quickly Example, bacteria or viruses e.g. Ebola virus

F. Define and distinguish between incidence and prevalence, explain the importance in Epidemiology with examples

31. Incidence is the rate of New cases or events over a specific period for the population at risk for the event in medicine , the incidence is commonly the newly identified cases of a disease

2 prevalence is the proportion of a population who have a specific characteristics in a given time or period, Example clinical prevalence.

Different between incidence and prevalence

1. Incidence measure new cases of a disease over a specific time period while a prevalence measure the total number of existing cases (New and old) in a population at a given time

4 describe the measure used in controlling communicable diseases in the community level

1. Improving sanitation and water quality.

2. Immunize them against the disease so as to not spread no more

3 implement disease surveillance

4 control vector by using insecticide treated net and insect

5. Write short note on the following

A. Epidemiological triangle is a model used to explain how disease occurs and spread within a population

B. Vehicle home transmission using any electric cars battery to send electricity back to your house

C. Point prevalence and period prevalence

A. Point prevalence is the proportion of a population that has a disease or condition at a specific point in time



B. Period prevalence is the proportion of the population that has a disease or condition at any time during a specific period

